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November 10, 1999

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*Box Patent Application*

Assistant Commissioner for Patents  
Washington, D.C. 20231

Re: New U.S. Non-Provisional Utility Patent Application  
Appl. No. To be assigned; Filed: Herewith  
For: **Recovering Metals from Soil**  
Inventors: Chaney *et al.*  
Our Ref: 1797.0090005/RWE/KKV

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. U.S. Utility Patent Application entitled:

**Recovering Metals from Soil**

and naming as inventors:

Rufus L. Chaney  
Jayce Scott Angle  
Yin-Ming Li  
Alan J.M. Baker

the application comprising:

The PTO did not receive the following  
listed item(s) 1 post card.

1  
10525 U.S. PTO  
09/43/607

11/10/99

Assistant Commissioner for Patents  
November 10, 1999  
Page 2

a specification containing:

- (i) 30 pages of description prior to the claims;
- (ii) 7 pages of claims (47 claims);
- (iii) a one (1) page abstract;

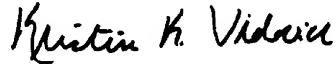
2. USPTO Utility Patent Application Transmittal Form PTO/SB/05;
3. 37 C.F.R. § 1.136(a)(3) Authorization to Treat a Reply As Incorporating An Extension of Time (*in duplicate*); and
4. Two (2) return postcards.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

This patent application is being submitted under 37 C.F.R. § 1.53(b) without Declaration and without filing fee.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Kristin K. Vidovich  
Attorney for Applicants  
Registration No. 41,448

KKV/pcd  
Encls.

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Under the Paperwork Reduction Act of 1995, individuals are required to respond to a collection of information unless it displays a valid OMB control number.									
<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <i>(Only for new nonprovisional applications under 37 CFR § 1.53(b))</i>									
<table border="1"> <tr> <td>Attorney Docket No.</td> <td>1797.0090005/RWE/KKV</td> </tr> <tr> <td>First Inventor or Application Identifier</td> <td>Rufus L. Chaney</td> </tr> <tr> <td>Title</td> <td>Recovering Metals from Soil</td> </tr> <tr> <td colspan="2">Express Mail Label No.</td> </tr> </table>		Attorney Docket No.	1797.0090005/RWE/KKV	First Inventor or Application Identifier	Rufus L. Chaney	Title	Recovering Metals from Soil	Express Mail Label No.	
Attorney Docket No.	1797.0090005/RWE/KKV								
First Inventor or Application Identifier	Rufus L. Chaney								
Title	Recovering Metals from Soil								
Express Mail Label No.									

<b>APPLICATION ELEMENTS</b> <i>See MPEP chapter 600 concerning utility patent application contents.</i>	
<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, DC 20231	

1. <input type="checkbox"/> * Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original, and a duplicate for fee processing)</i>	6. <input type="checkbox"/> Microfiche Computer Program ( <i>Appendix</i> )	
2. <input checked="" type="checkbox"/> Specification [Total Pages <u>38</u> ] <i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none"> <li>- Descriptive title of the Invention</li> <li>- Cross References to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to Microfiche Appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (<i>if filed</i>)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul>	7. Nucleotide and/or Amino Acid Sequence Submission ( <i>if applicable, all necessary</i> ) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Copy</li> <li>b. <input type="checkbox"/> Paper Copy (identical to computer copy)</li> <li>c. <input type="checkbox"/> Statement verifying identity of above copies</li> </ul>	
3. <input type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <u>  </u> ]	ACCOMPANYING APPLICATION PARTS	
4. <input type="checkbox"/> Oath or Declaration [Total Pages <u>  </u> ]	8. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))	
a. <input type="checkbox"/> Newly executed (original or copy)	9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)	
b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) ( <i>for continuation/divisional with Box 17 completed</i> ) <i>[Note Box 5 below]</i>	10. <input type="checkbox"/> English Translation Document ( <i>if applicable</i> )	
i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§ 1.63(d)(2) and 1.33(b).	11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations	
5. <input type="checkbox"/> Incorporation By Reference ( <i>useable if Box 4b is checked</i> ) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.	12. <input type="checkbox"/> Preliminary Amendment	
	13. <input checked="" type="checkbox"/> Two Return Receipt Postcards (MPEP 503) <i>(Should be specifically itemized)</i>	
	14. <input type="checkbox"/> *Small Entity Statement(s) ( <i>PTO/SB/09-12</i> ) <input type="checkbox"/> Statement filed in prior application, Status still proper and desired	
	15. <input type="checkbox"/> Certified Copy of Priority Document(s) ( <i>if foreign priority is claimed</i> )	
	16. <input checked="" type="checkbox"/> Other: 37 C.F.R. § 1.136(a)(3) Authorization <input type="checkbox"/> Other: <i>*NOTE FOR ITEMS 1 &amp; 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).</i>	

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

 Continuation     Divisional     Continuation-in-Part (CIP) of prior application No: 09/386,373

Prior application information: Examiner \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_

<b>18. CORRESPONDENCE ADDRESS</b>				
<input type="checkbox"/> Customer Number or Bar Code Label <div style="border: 1px solid black; padding: 2px; display: inline-block; width: 150px; height: 20px; vertical-align: middle;"></div> <div style="display: inline-block; vertical-align: middle; margin-left: 10px;">(Insert Customer No. or Attach bar code label here)</div>		<input checked="" type="checkbox"/> Correspondence address below		
NAME	STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C. Attorneys at Law			
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NAME (Print/Type)	Kristin K. Vidovich	Registration No. (Attorney/Agent)	41,448
SIGNATURE	<u>Kristin K. Vidovich</u>		
Date	Nov. 10, 1999		

Burden Hour Statement: this form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

jc525 U.S. PRO  
09/437607  
11/10/99

In re application of:  
Chaney *et al.*  
Appl. No. To be assigned  
Filed: Herewith  
For: Recovering Metals from Soil

Art Unit: To be assigned  
Examiner: To be assigned  
Atty. Docket: 1797.0090005/RWE/KKV

**Authorization To Treat A Reply As Incorporating An Extension Of Time  
Under 37 C.F.R. § 1.136(a)(3)**

Assistant Commissioner for Patents  
Washington, D.C. 20231

**DUPLICATE**

Sir:

The U.S. Patent and Trademark Office is hereby authorized to treat any concurrent or future reply that requires a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. The U.S. Patent and Trademark Office is hereby authorized to charge all required extension of time fees to our Deposit Account No. 19-0036, if such fees are not otherwise provided for in such reply. A duplicate copy of this authorization is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

*Kristin K. Vidovich*

Kristin K. Vidovich  
Attorney for Applicants  
Registration No. 41,448

Date: Nov. 10, 1999

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